#### **RAW SEQUENCE LISTING**

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Application Serial Number:	10 815, 340	
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RAW SEQUENCE LISTING DATE: 07/01/2005
PATENT APPLICATION: US/10/815,340 TIME: 14:40:51

```
1 <110> APPLICANT: Berzofsky, Jay A.
         Belyakov, Igor M.
 3
         Derby, Michael A.
         Kelsall, Brian L.
 5
         Strober, Warren
         THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as
 7 <120> TITLE OF INVENTION: MUCOSAL CYTOTOXIC T LYMPHOCYTE RESPONSES
 8 <130> FILE REFERENCE: 368200PCSEQ
 9 <140> CURRENT APPLICATION NUMBER: US/10/815,340
10 <141> CURRENT FILING DATE: 2004-03-30
11 <150> PRIOR APPLICATION NUMBER: US/09/508,552
12 <151> PRIOR FILING DATE: 2000-06-12
13 <150> PRIOR APPLICATION NUMBER: 60/058,523
14 <151> PRIOR FILING DATE: 1997-09-11
15 <150> PRIOR APPLICATION NUMBER: 60/074,894
16 <151> PRIOR FILING DATE: 1998-02-17
17 <160> NUMBER OF SEQ ID NOS: 20
18 <170> SOFTWARE: PatentIn Ver. 2.0
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21 <211> LENGTH: 35
22 <212> TYPE: PRT
23 <213> ORGANISM: Human immunodeficiency virus type 1
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34 <212> TYPE: PRT
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45 <211> LENGTH: 39
46 <212> TYPE: PRT
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56 <210> SEQ ID NO: 4
57 <211> LENGTH: 48
58 <212> TYPE: PRT
59 <213> ORGANISM: Human immunodeficiency virus type 1
60 <400> SEQUENCE: 4
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62
63
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64
65
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68 <210> SEQ ID NO: 5
69 <211> LENGTH: 42
70 <212> TYPE: PRT
71 <213> ORGANISM: Human immunodeficiency virus type 1
72 <400> SEQUENCE: 5
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74
75
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76
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77
         Pro Gly Arg Ala Phe Val Thr Ile Gly Lys
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80 <210> SEQ ID NO: 6
81 <211> LENGTH: 30
82 <212> TYPE: PRT
83 <213> ORGANISM: Human immunodeficiency virus type 1
84 <400> SEQUENCE: 6
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         Ile Gln Arg Gly Pro Gly Arg Ala Phe Val Thr Ile Gly Lys
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91 <211> LENGTH: 32
92 <212> TYPE: PRT
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94 <400> SEQUENCE: 7
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100 <210> SEQ ID NO: 8
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101 <211> LENGTH: 35
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103 <213> ORGANISM: Human immunodeficiency virus type 1
104 <400> SEQUENCE: 8
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108
109
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113 <211> LENGTH: 39
114 <212> TYPE: PRT
115 <213> ORGANISM: Human immunodeficiency virus type 1
116 <400> SEQUENCE: 9
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124 <210> SEQ ID NO: 10
125 <211> LENGTH: 39
126 <212> TYPE: PRT
127 <213 > ORGANISM: Human immunodeficiency virus type 1
128 <400> SEQUENCE: 10
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136 <210> SEQ ID NO: 11
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138 <212> TYPE: PRT
139 <213> ORGANISM: Human immunodeficiency virus type 1
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148 <210> SEQ ID NO: 12
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151 <213 > ORGANISM: Human immunodeficiency virus type 1
152 <400> SEOUENCE: 12
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154
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156
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157
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161 <211> LENGTH: 30
162 <212> TYPE: PRT
163 <213> ORGANISM: Human immunodeficiency virus type 1
164 <400> SEQUENCE: 13
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170 <210> SEQ ID NO: 14
171 <211> LENGTH: 31
172 <212> TYPE: PRT
173 <213> ORGANISM: Human immunodeficiency virus type 1
174 <400> SEQUENCE: 14
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180 <210> SEQ ID NO: 15
181 <211> LENGTH: 15
182 <212> TYPE: PRT
183 <213 > ORGANISM: Human immunodeficiency virus type 1
184 <400> SEQUENCE: 15
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188 <210> SEQ ID NO: 16
189 <211> LENGTH: 10
190 <212> TYPE: PRT
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192 <400> SEQUENCE: 16
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199 <213> ORGANISM: Human immunodeficiency virus type 1
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206 <210> SEQ ID NO: 18
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210 <400> SEQUENCE: 18
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216 <210> SEQ ID NO: 19
217 <211> LENGTH: 24
218 <212> TYPE: PRT
219 <213> ORGANISM: Human immunodeficiency virus type 1
220 <400> SEQUENCE: 19
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224
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226 <210> SEQ ID NO: 20
227 <211> LENGTH: 33
228 <212> TYPE: PRT
229 <213> ORGANISM: Human immunodeficiency virus type 1
230 <400> SEQUENCE: 20
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233
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234
                       20
235
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VERIFICATION SUMMARY

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